



## Statistics Review Lesson 2 – Practice Set B - Handout

Name:

Date:

A large amount of data can be separated into same sized intervals or groupings. The intervals will be used to create dot plots and histograms. A histogram is a special kind of graph which shows continuous data and has no space in between its bars.

1. Quinn has collected data about the ages of the teachers in her school. There are 30 teachers who responded. Their ages run from 25 to 63. What intervals would you use to organize this data?
2. Faith is interested in how much soda her classmates drink in one day. She collects the following data which is in ounces. (1 can of soda = 12 ounces)

24, 12, 0, 36, 24, 30, 18, 12, 12, 48, 0, 36, 48, 24, 12, 12, 6, 6, 12, 0

- a. Complete the frequency table.

The number of Ounces of Soda  
Students Drink in One Day

Ounces of soda	Number of students
0 – 11	
12 – 23	
24 – 35	
36 – 47	
48 – 59	

- b. Graph this data on the  
Histogram.

The number of Ounces of  
Soda Students Drink in One  
Day

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Ounces of Soda

3. Write two things you notice about the shape of the data.

## Display numerical data in plots on a number line, including dot plots and histograms Practice Set A, **Key**

1. Quaniesha has collected data about the ages of the teachers in her school. There are 30 teachers who responded. Their ages run from 25 to 63. What intervals would you use to organize this data?

*Student responses should include intervals that are evenly spaced, continuous and not too large so that the data is obscured. Possible intervals could be:*

2. Faith is interested in how much soda her classmates drink in one day. She collects the following data which is in ounces. (1 can of soda = 12 ounces)

24, 12, 0, 36, 24, 30, 18, 12, 12, 48, 0, 36, 48, 24, 12, 12, 6, 6, 12, 0

- a. Complete the frequency table.

The number of Ounces of Soda  
Students Drink in One Day

Ounces of soda	Number of students
0 – 11	
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- b. Graph this data on the  
Histogram.

The number of Ounces of  
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Ounces of Soda

- b. Write two things you notice about the shape of the data in your histogram.

